NT BOOK

Dimensions			Contents	
	Breadth 5	Depth 6	7	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494670

Name of work: R.C.C Drains, Roads and other Development works in Thinaliyur colony and village and continuous area in ward No.09 (Vidyaranyapuram)

Name of Agency: Executive Engineer, KRIDL

Date of Recording: 13/07/2020

Description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
1.5:2.5 Drains, Head of A/C: P.1875, BTP/EE/BTP/180/19-20 Date: 13/07/2020.						
Name of Agency: Executive Engineer, KRIDL						
Date of Recording: 13/07/2020						
Breaking of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces to exceeding 0.08cum in volume and stacking, piling at designated locations and disposal of dismantled materials stacking serviceable						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	"F Me
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	materials specially etc, complete as per specifications and directions of engineer in charges of work.						
	Quantity vide EMB P. No - 137. Hocum)						
	@ 952.9/-/cum) = 13093						
Item 2)	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 9 meters and an average lift upto 0.5m. excavated surface leveled and sides neatly dressed. The disposed earth to be lived neatly after breaking of clays etc.—						

MENT BOOK

Dimensions			Contents	
ength 4	Breadth 5	Depth 6	7	M

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Re... Mea...
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	Complete as per specifications and directions of Engineer in charge of the work.						
	Quantity wise EMB P.NO					=1556.3 Cum	
			@ 5504.55/cum			= 8566.7	
Item 4)	providing and laying plain reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with down and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for sides and bottom including centering, shuttering.						

NT BOOK

Dimensions			Contents	
	Breadth 5	Depth 6	7	
of directions of Engineer in				
P. WD			= 1556.3 Cum	
04.58 Cum			= 8566	
of cement concrete for				
and concrete with opc				
size granite metal				
and fine aggregate				
compacted for roof				
, sheltering.				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494672

From..... To.....

of nature of Agency .....

of work .....

Description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
materials, plant of machinery, using etc., complete in accordance with the specifications and directions of Engineer in charge of the work.						
Quantity where E WB P WD = 7197.40 Cum				133.32 Cum	= 959557.00	
Mild steel reinforcement for R.C.C. work including cutting, bending, hooking, placing in position including welding wherever required, tying with						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	binding wire and anchoring to the adjoining members, wherever necessary complete as per design cost of materials labour. Hire of machinery complete as per specifications and directions and directions of engineer in charges.						
	Quantity wise G MB P.NO = 8.67 Tonne						
	@ 72326.98/ tonne =						62707
item 6)	providing precast seals of 100mm thick including cost of all materials, labours, curing, transportation, loading unloading. etc —						
	Quantity wise G MB P.NO : 307.35 sqm						
	@ 2337.00/sqm :						7182

...UREMENT BOOK

Dimensions				Contents	
...umber 3	Length 4	Breadth 5	Depth 6	7	Me...
	...the adjoining members, wherever				
	...ation cost of materials				
	...complete as per specifications.				
	...ctions of engineer in charges.				
	mB P.ND		= 8.67 Tonne		
	@ 72326.98/ tonne			=	62707
	...mm thick including cost				
	...curing, transportation, loading				
	G mB P.ND		= 307.35 sqm		
	@ 2337.00/sqm			=	71822

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494673

From..... To.....

Name of Agency .....

Name of work .....

Description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
...mm thick including cost of all materials						
...ing, transportation, loading, unloading, etc.-						
...ity value @ mB P.ND				= 19.05 sqm		
				@ 5418.00/sqm	= 103375.00	
...reinforcement cement concrete m20 with opc cement						
...ium down and down size graded granite						
...aggregates @ 0.67 cum and fine aggregates						
...cum) with superplasticiser @ 3% conforming.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Re Mea
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	in open foundation complete as per Drawing and technical specifications including cost of all materials, labours etc						
	Quantity as per CMB P.No = 14.9 cum						
	@ 5275.62 cum					=	78659
Item no 09	construction of un-reinforced plain cement concrete pavement using graded concrete M20 over a prepared base with						
	40c course aggregate at 0.69 cum fine aggregate at 0.46 cum course and fine aggregate at 0.46 cum course and fine aggregate conforming to IS: 383-2016 with						

T BOOK

Dimensions		Contents	Re Me
Breadth 5	Depth 6	7	
		Drawing and technical	
		materials, labours &	
		14.91 cum	
		62 cum = 78659	
		cement concrete pavement	
		e paved base with	
		fine aggregate at	
		y) at 0.146 cum course	
		D IS: 383-2016 with	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494674

From..... To.....

Name of Nature of Agency .....

Name of work .....

Description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
						as per IS 9103-1999, mixed.
						approved fixed sides form work and
						the concrete with shores, and grades as per drawing
						as per specifications.
						wise e mb P.no = 103.05 cum
					e 5354.06 cum	= 551736.00
						and fixing pre cast solid cement concrete kerb stone

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	"Re... Mea...
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	made out of CC 1:2:4 with top and bottom width 11½ and 16½ cm respectively, 40mm high and 450mm in length finished with CM 1:3 plastering and finishing curing including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift.						
	Quantity wise EMB P. No = 231 Nos						
	e 432. 481 Nos					=	999
Item no 19	providing and applying ready mix priming coat over						

NT BOOK

Dimensions		Contents	Re Me
Breadth 5	Depth 6	7	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ma
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
Item 12)	providing and applying spray painting in two coats (excluding prime coat) over concrete/masonry/asbestos cement sheet/plastered surface with first wall paints of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter and sand papering including cost of materials,						
	Quantity wise @ MB P. No :					46.80 sqm	
	@ 90.00/sqm					: 4212	

EMENT BOOK

Dimensions			Contents	
Length 4	Breadth 5	Depth 6	7	
...g painting in two coats				
...er cc/rcc/masonry/asbestos				
...rface with flat wall paints				
...ever smoke after cleaning				
...ust and other foreign matter				
...g cost of materials,				
...nt P. no :			46.80 sqm	
...no/sqm				
			: 42,17	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494676

From..... To.....

Name of Agency .....

Name of work .....

Description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
	Total Amount			=		42,46,238.00
	GST 12%.			=		5,09,549.00
	ISRDL charges 1%			=		1,69,850.00
	Grand total Amount			=		49,25,637.00

Certified that the above work done satisfactory.

13/07/20

13/07/20

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97